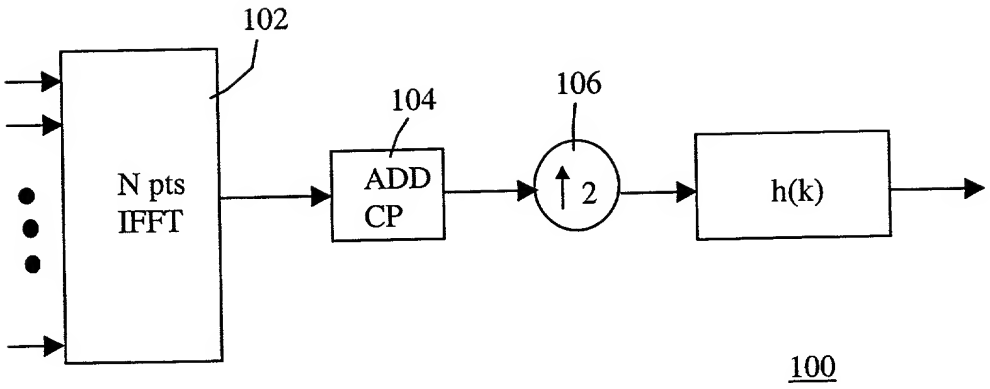
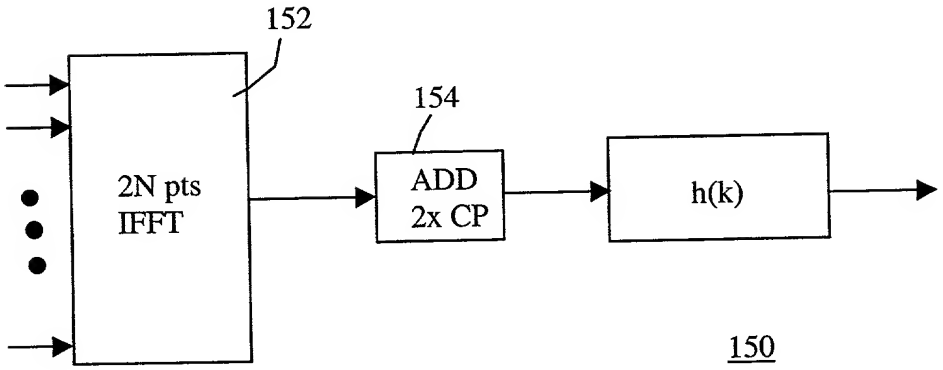
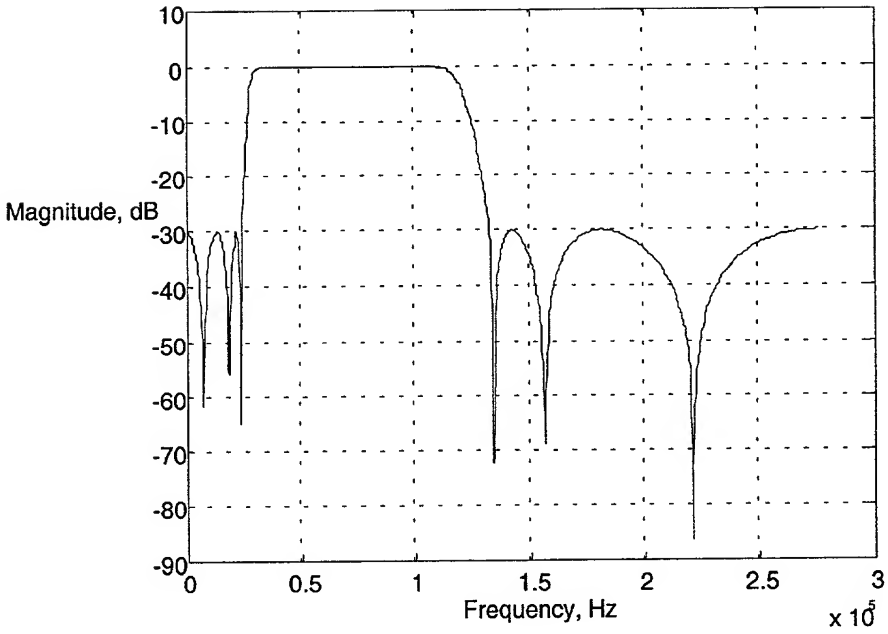

102
104
106
N pts
IFFT
ADD
CP
2
h(k)
100

(a)

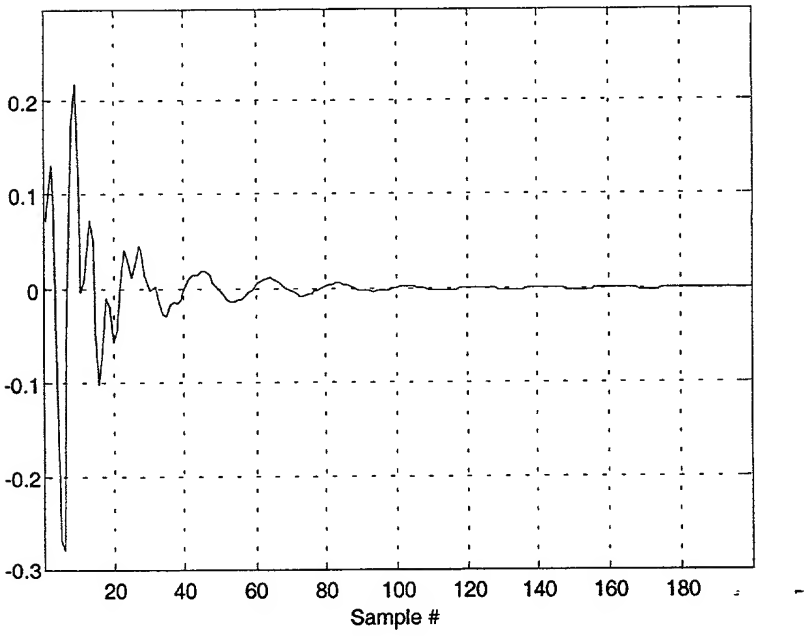

152
154
2N pts
IFFT
ADD
2x CP
h(k)
150

(b)

Figure 1


Magnitude, dB
10
0
-10
-20
-30
-40
-50
-60
-70
-80
-90
0
0.5
1
1.5
2
2.5
3
Frequency, Hz
x 10^5

(a)


0.2
0.1
0
-0.1
-0.2
-0.3
20
40
60
80
100
120
140
160
180
Sample #

(b)

Figure 2

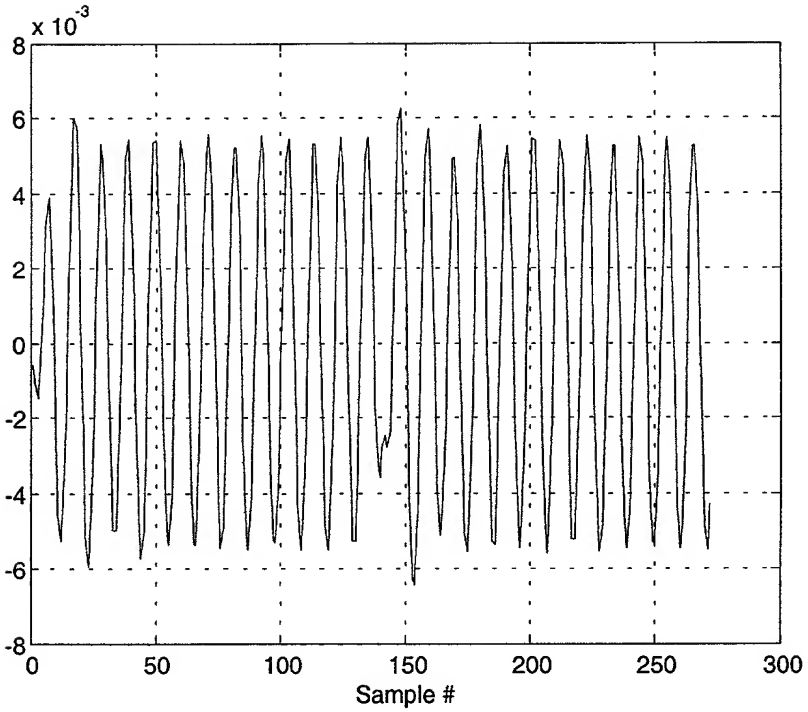


Figure 3

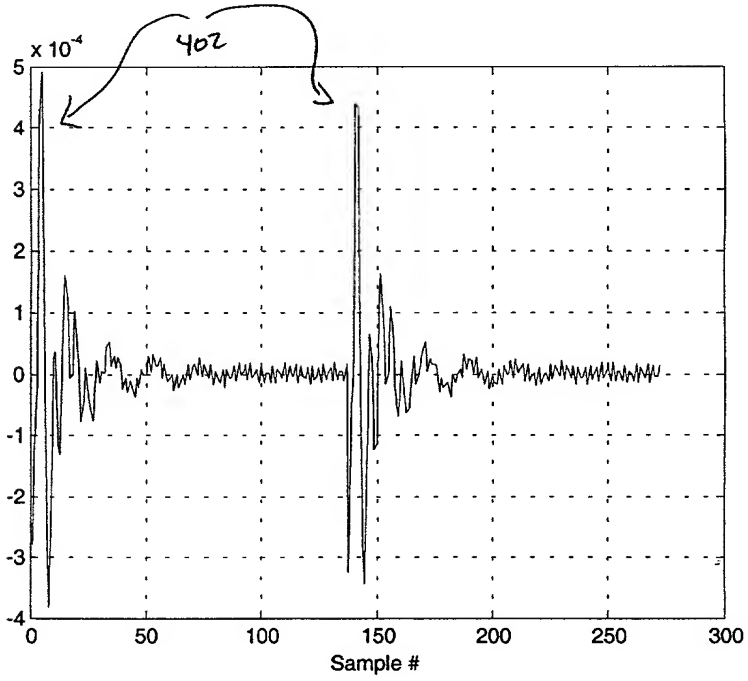


Figure 4

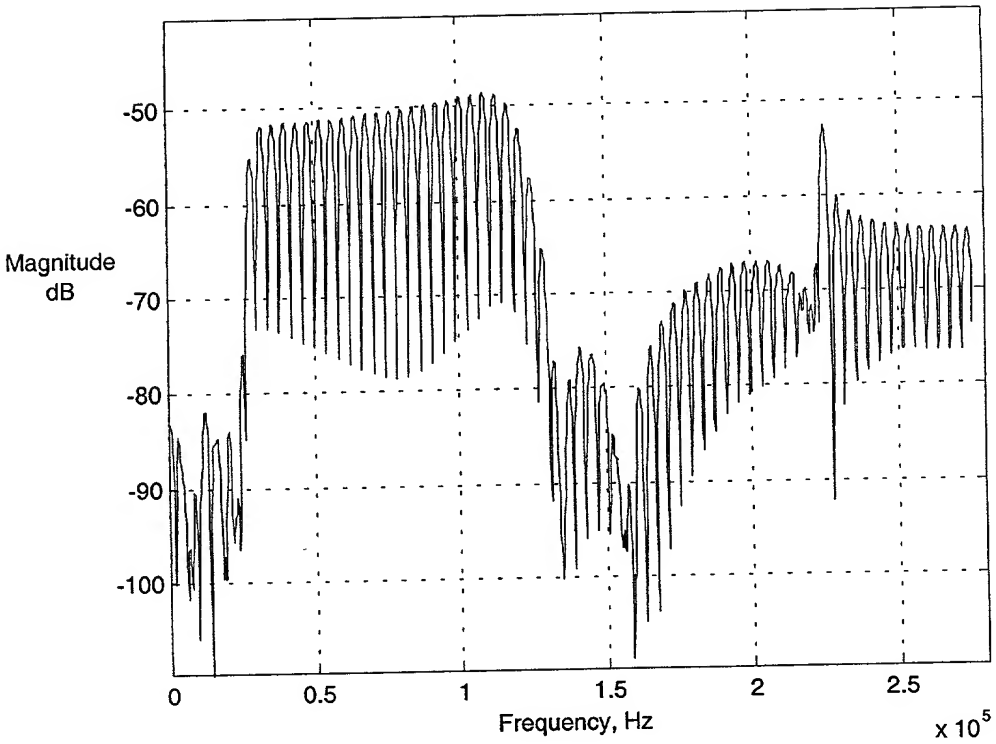


Figure 5

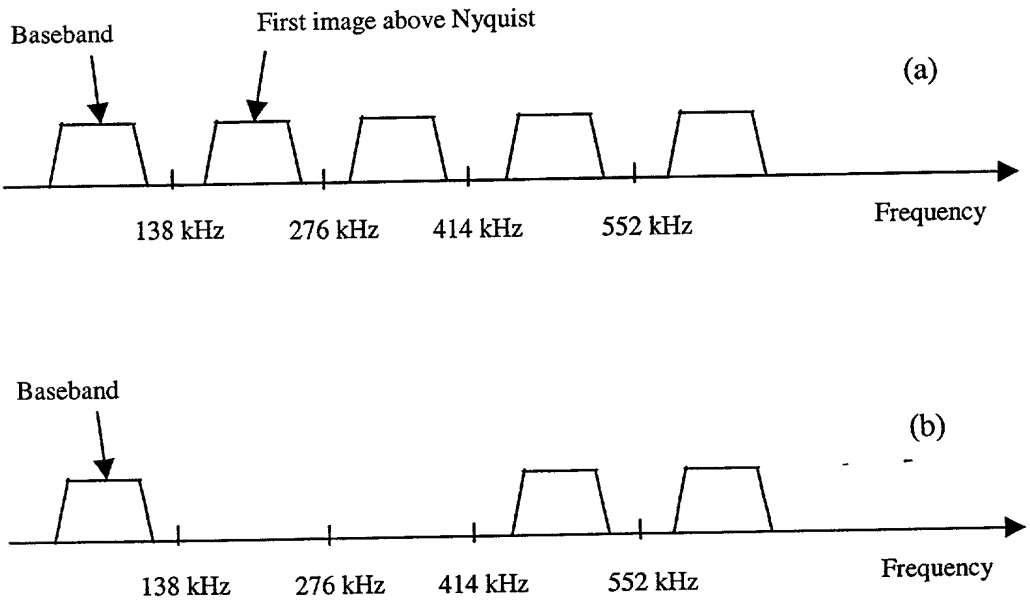


Figure 6